X-Route GPS Logger User's Manual

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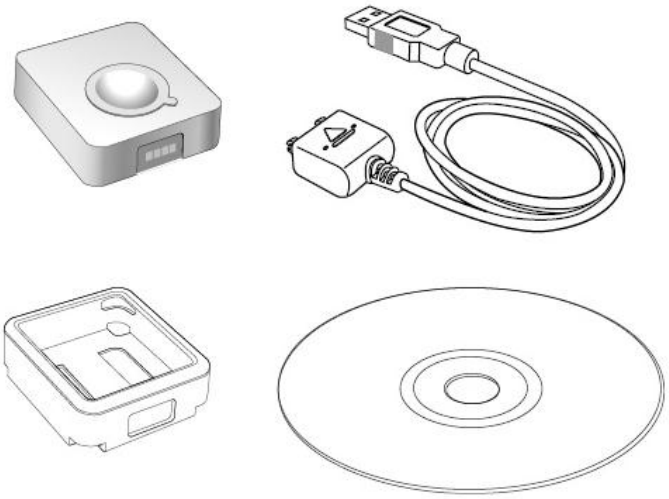
Package contents & specifications

The GPS Logger package comes with X-Route Manager CD-ROM, 1 GPS data logger, 1 GPS USB Cable, and 1 jelly case.

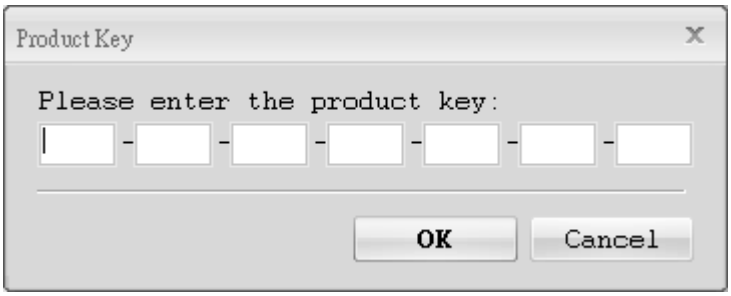


X-Route GPS Data Logger XR-6100	
Dimension	46 x 41.5 x 14 mm
Weight	37g
Chipset	Built-in SiRF StarIII low-power chipset
Antenna	Built-in GPS patch antenna
Battery	Built-in 750 mAh Lithium-ion battery
LED indicators	Blue & Red
Cold start	< 35 seconds
Warm start	< 35 seconds
Connection interface	USB 1.1 for PC connection;
Operation temperature	-10 °C to + 50 °C
Water-resistant	Yes
Motion detection	Yes

Getting Started with GPS Logger

The following demonstrates how to get started with your X-Route GPS Logger and X-Route Manager software:

Input Product Key.



The product key is printed on the cover/card of the X-Route GPS Logger. Please key in the product key and press “OK”, then the X-Route Manager software will be activated.

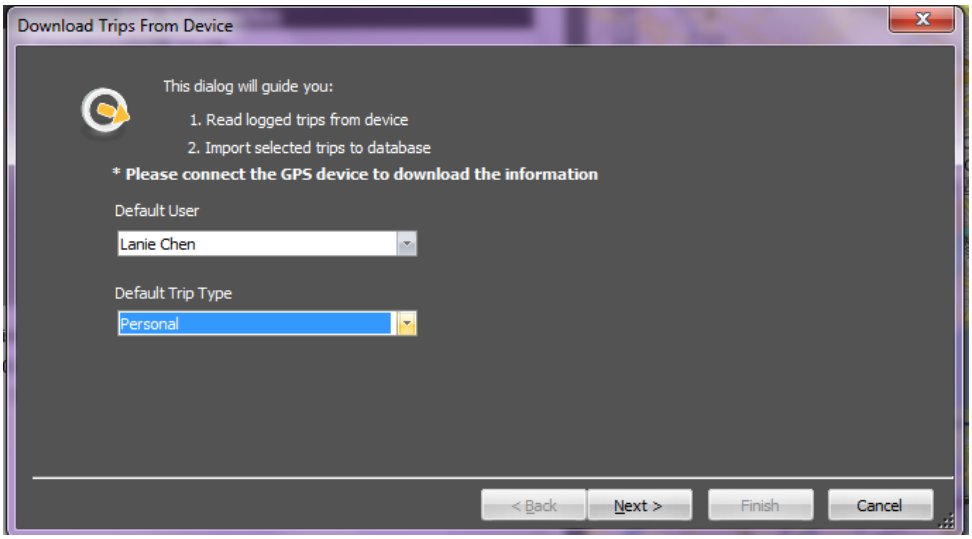
Download GPS Log From Device

Step 1 – Connect Data Logger to PC USB port. Please make sure the Data Logger power is turn on.

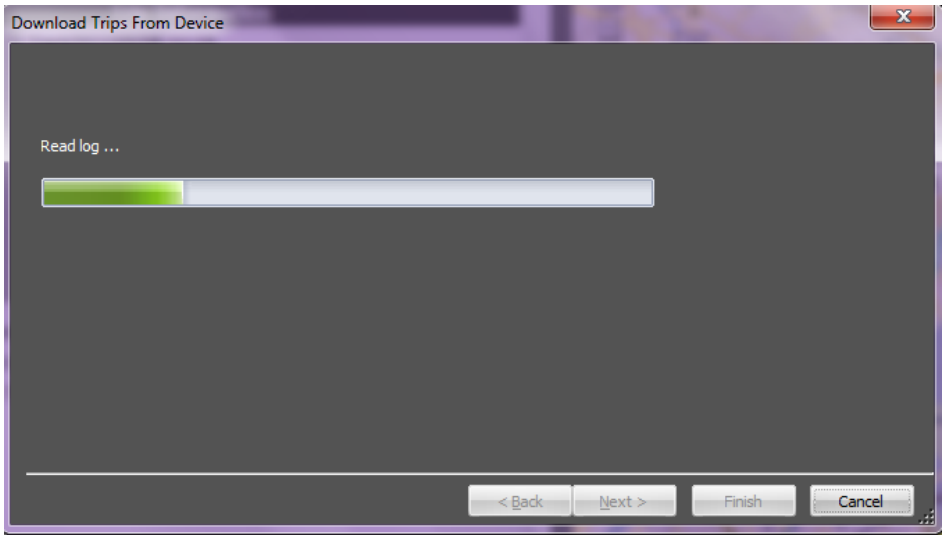
Step 2 – Menu command “File” -> “Download From Device…”

X-Route Manager software will automatically detect the port and baud rate and read in the GPS tracks.

Step 3 – Specify the trip type and users. Click next step.

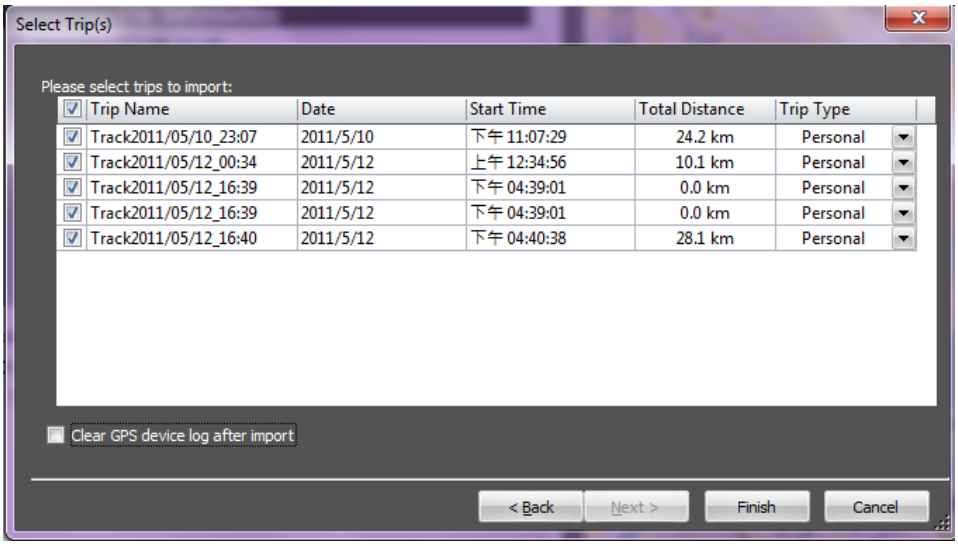


The download progress will show on the progress bar.

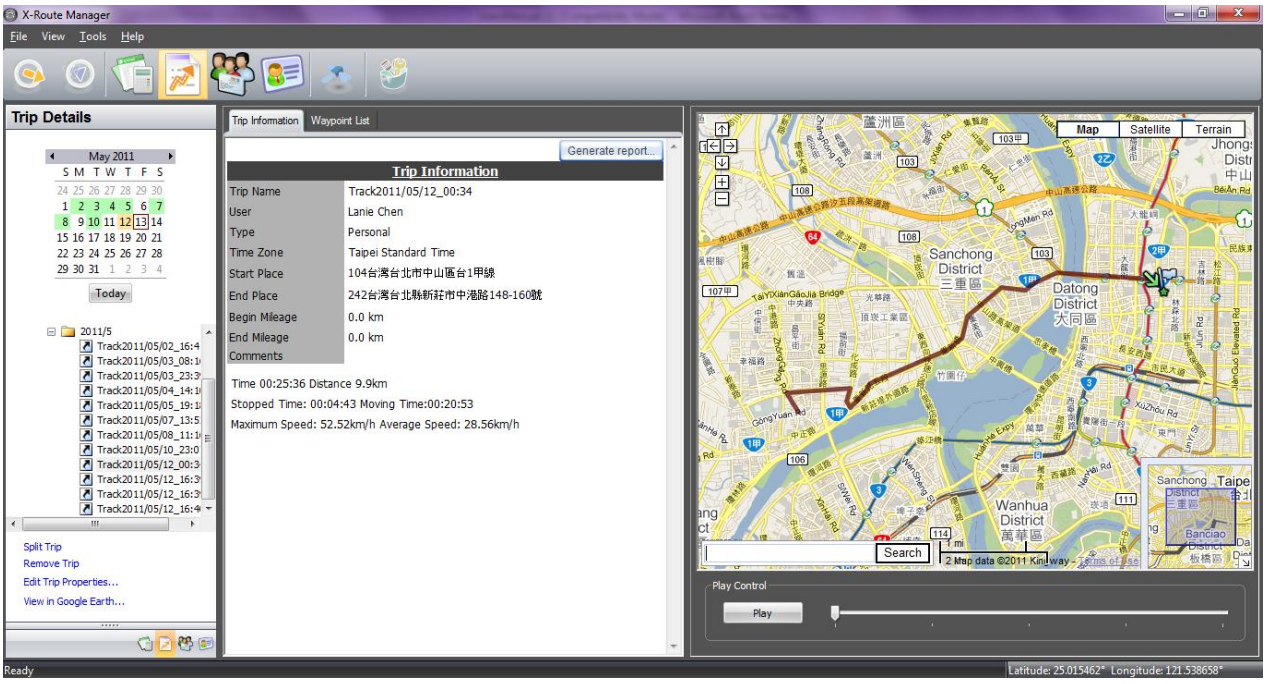


A track list window will be popped up. Select the tracks to import.

Check the “Clear GPS device log after import” box if you want to clear the GPS device memory after import.

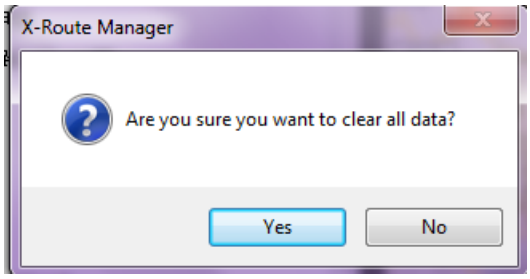


Tracks will be shown on the Google Map window.



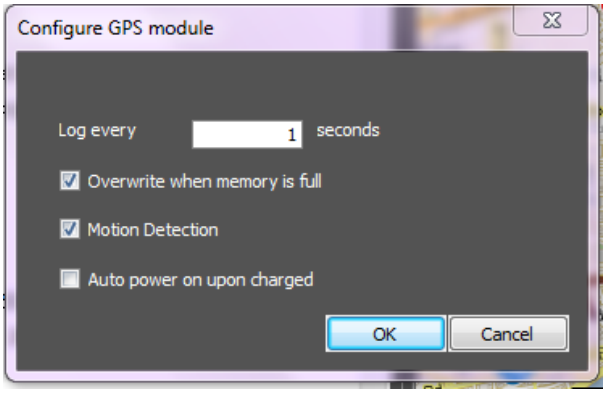
Clear Data Logger Memory

Menu command “File” -> “Clear log” will clear the data stored in device, so the device memory are enough for next usage.



Data Logger Configuration

Connect Data Logger to PC. Menu command “File” -> “Config GPS…” If Data Logger is not connected, the GPS Log Setting area will be disabled. Please make sure the supplied USB cable is plug-in well when connect



GPS logging interval setting:

Log every () seconds:

Specify the log period. For example, if specify 3 seconds, the GPS device will log every 3 seconds.

Circular Logging:

When this option is enabled, the GPS logger will keep on recording trips even if the memory has reached its limits. When the memory is full, the oldest records will be overwritten as the GPS logger records on.

Motion Detection:

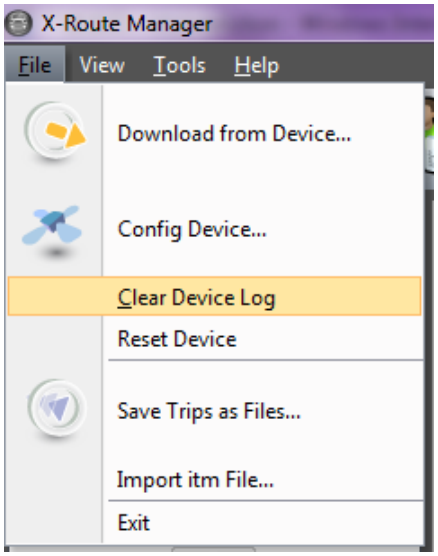
When enabled, the GPS Logger will switch on automatically upon detection of motion.

Support "Auto power on upon charging" (only if manual control is selected).

Note: GPS device will log only when the log period, log distance, and log speed all meet the criteria.

Reset Device

Reset the GPS device when the behavior is abnormal.

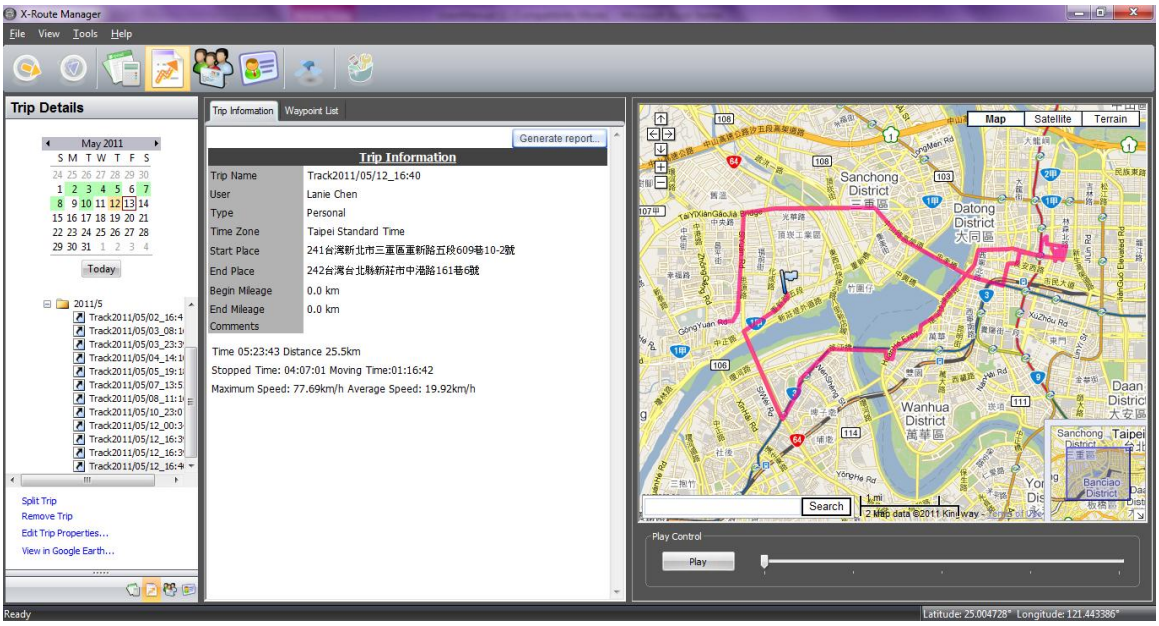


Switch Views

There are four different views: Tracks View, Report View, Customers View, and Profile View. Clicking the selection buttons on the left bottom corner of main window will switch to different views.

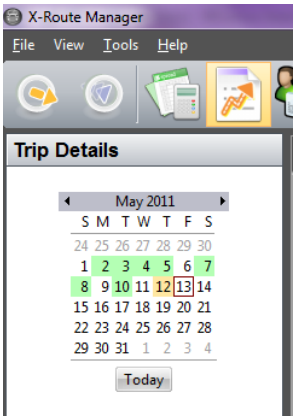
Track View

Track View will show each track's properties and show the tracks on Google Map.



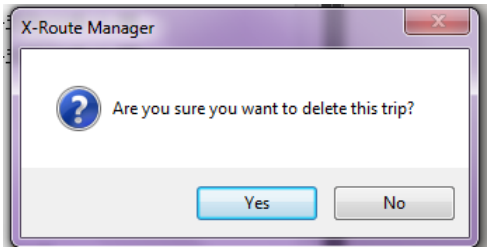
Calendar: The dates with highlighted color stand for dates with tracks.

Users can select the tracks in the tree view or select the dates in the calendar. The selection will be synchronized.

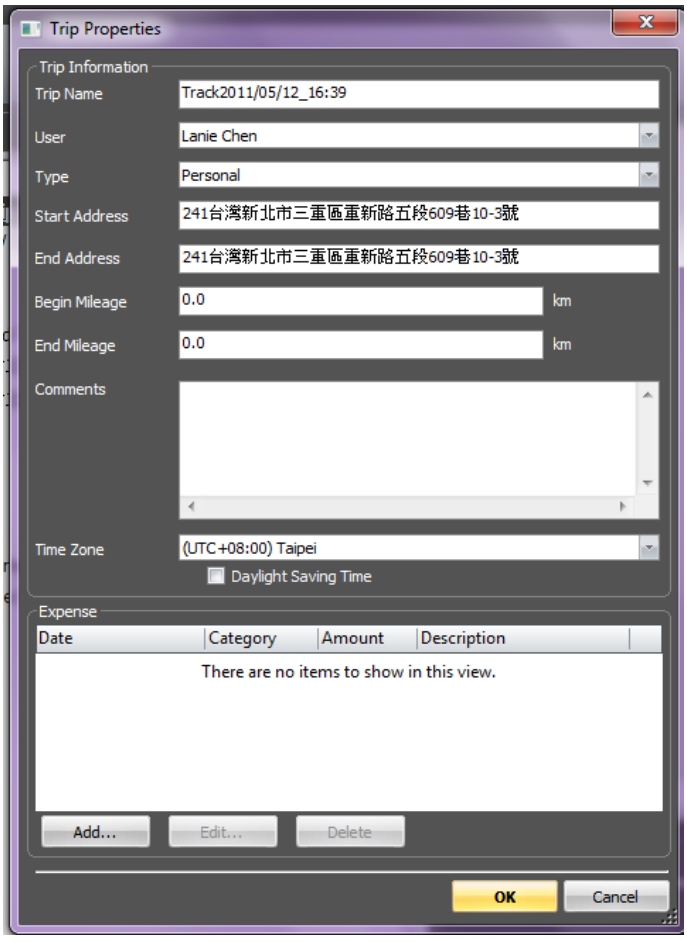


Clicking “Remove Track” will remove the selected track.

A confirmation dialog is popped up to make sure users really want to delete the track.

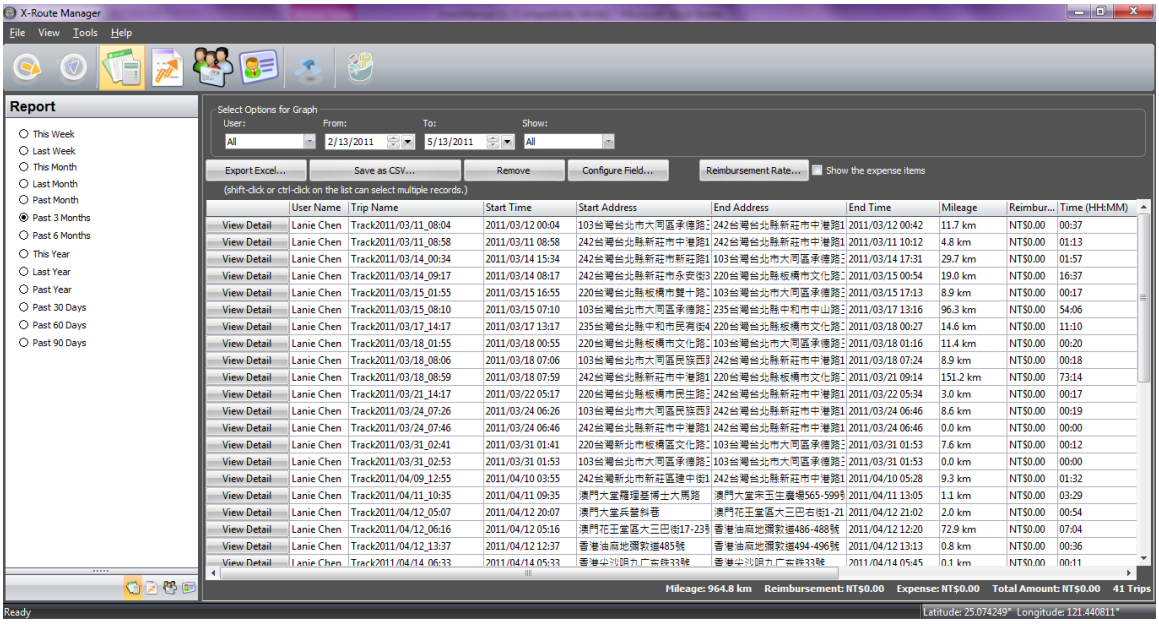


Clicking “Edit Track Profile…” will pop up the “Trip Properties” dialog for users to edit the track properties.

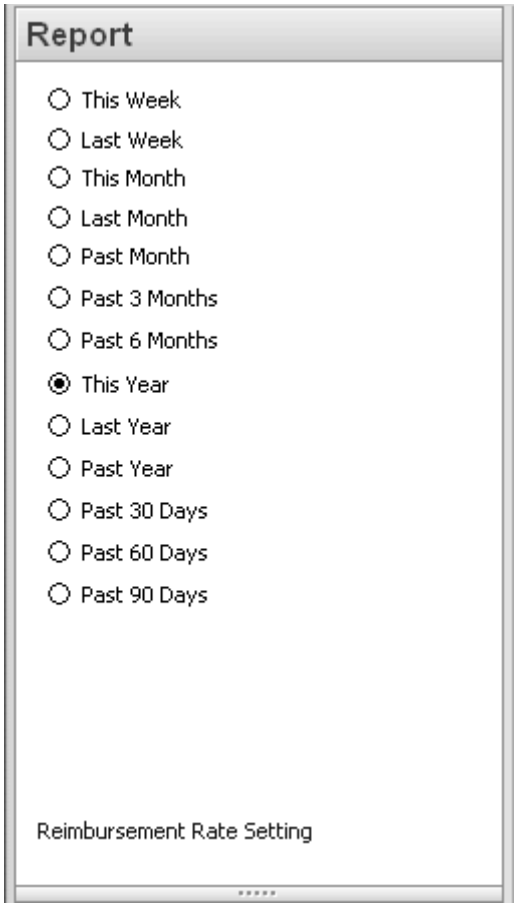


Track Information window display the selected track's properties and the customer visit information.

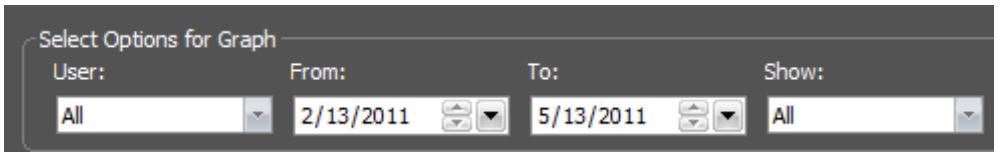
Report View

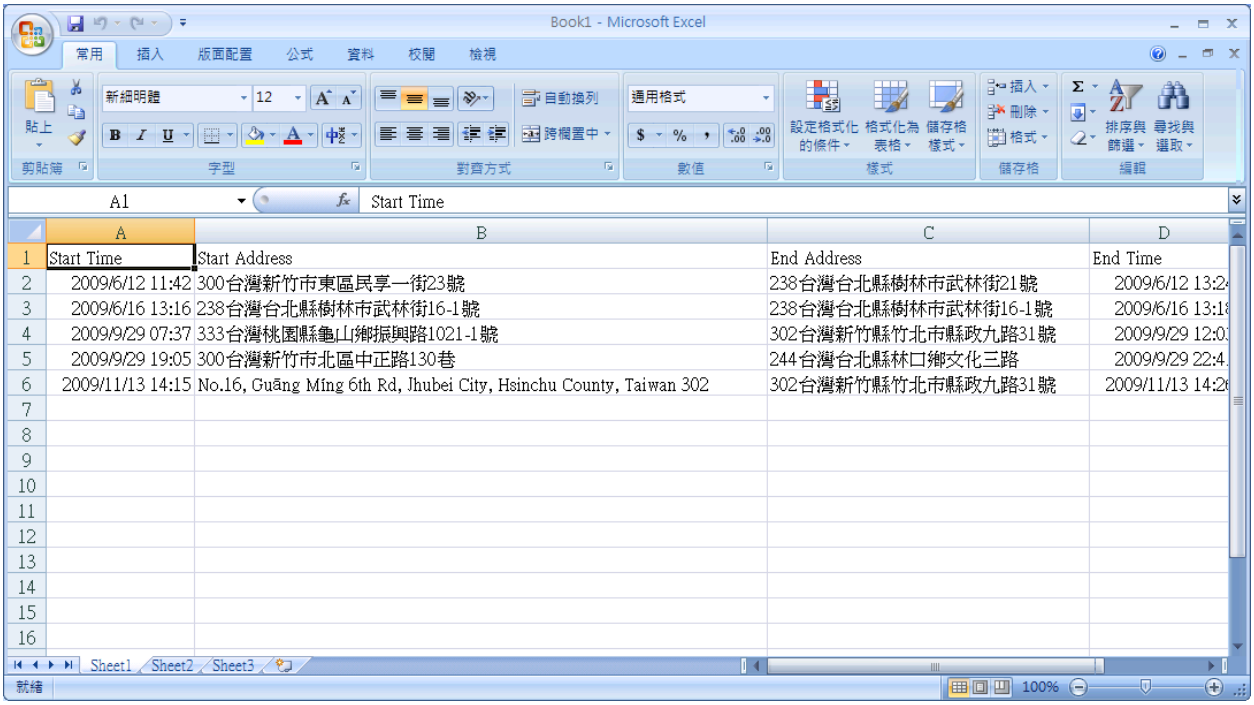


"Report View" display all trip information in a spreadsheet. Users can select the time period, users, and trip type as filters of trip records.

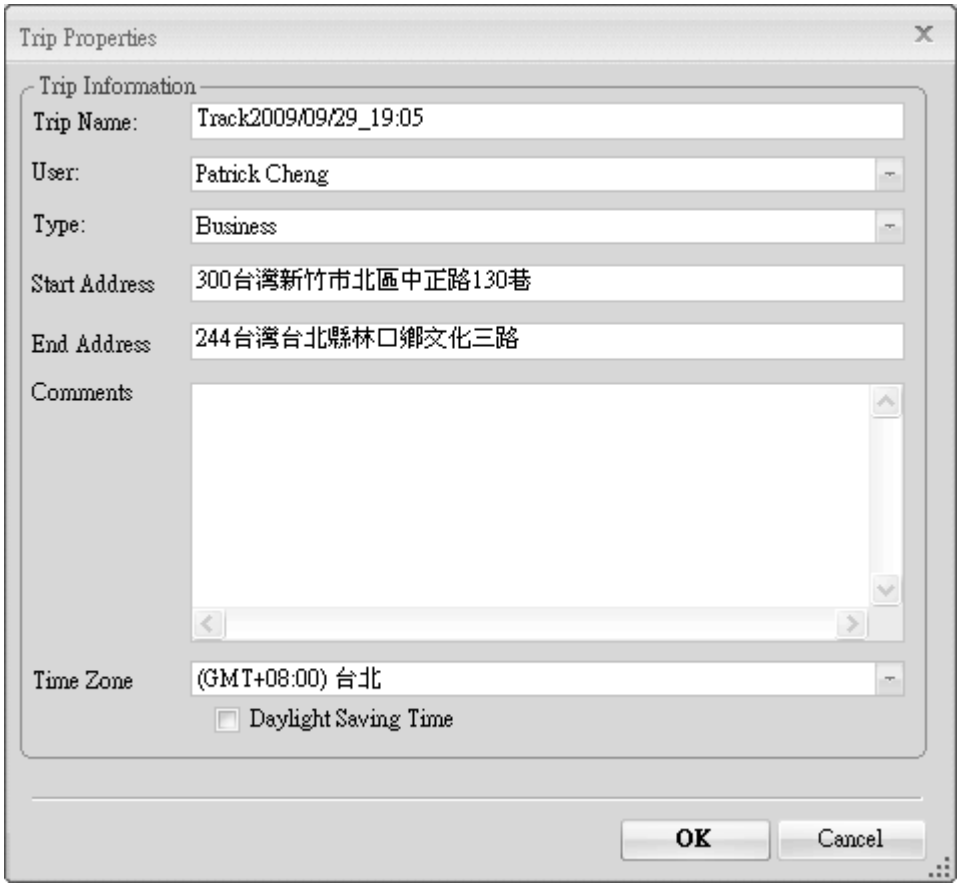


On the left side, users can easily select the time period set. Or on the top, users can select the start date and end date.



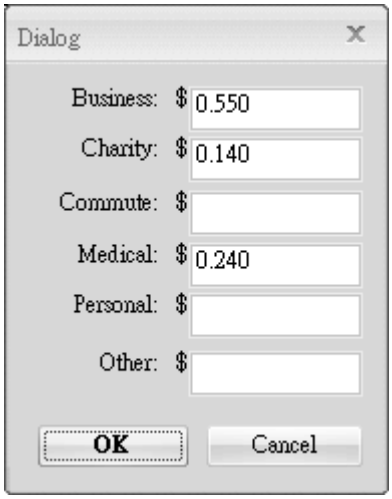


Clicking “Export Excel” button will bring up the Excel program with records in it. So, users can edit the data and save as Excel files.



Clicking “Edit Track” will pop up a “Trip properties” dialog for users to edit the Track information.

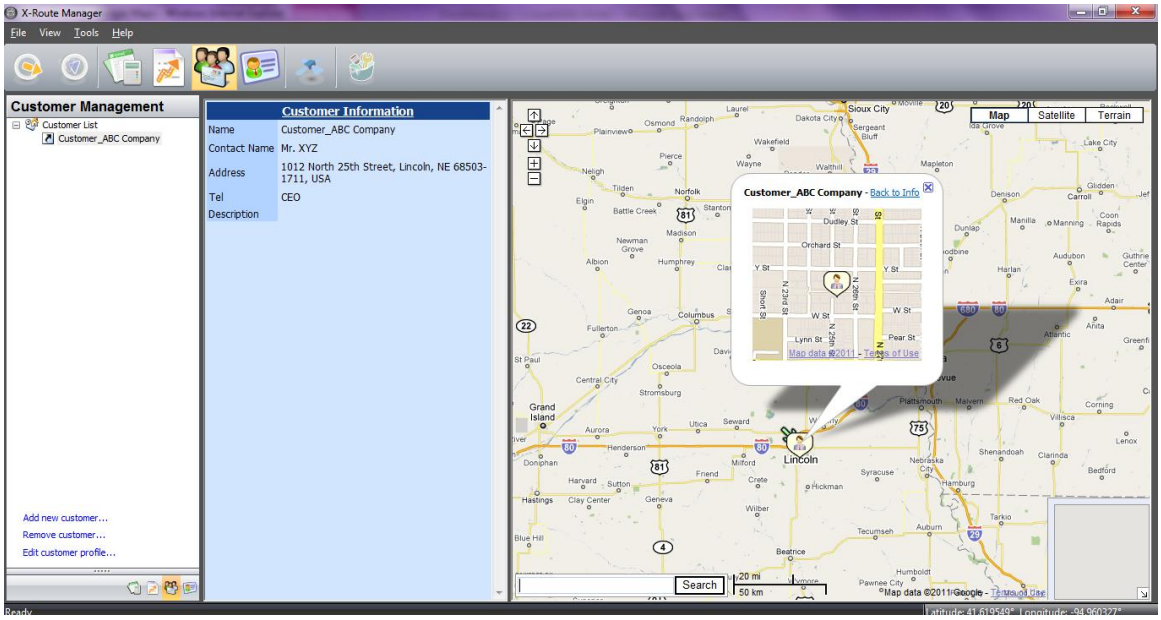
Reimbursement and reimburse rate



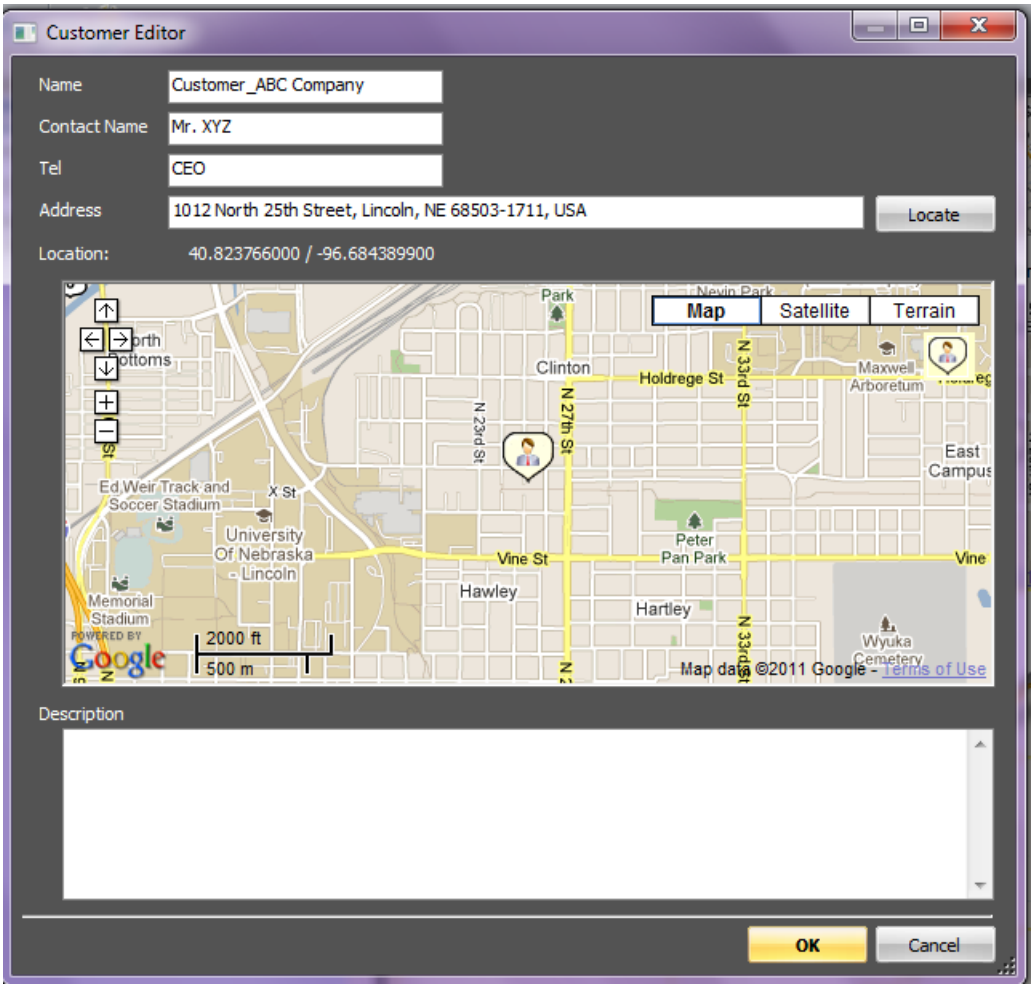
Mileage	Reimburs...	Trip Time	Type
45.8 mi	$25.17	01hr:41min	Business
0.0 mi	$0.00	00hr:01min	Business
45.1 mi	$24.79	04hr:26min	Business
35.6 mi	$19.59	03hr:35min	Business
0.6 mi	$0.31	00hr:11min	Business

Users can specify the reimburse rate by trip types. Then the Mileage Logger will calculate the total reimbursement for users in “Report View”.

Customer View

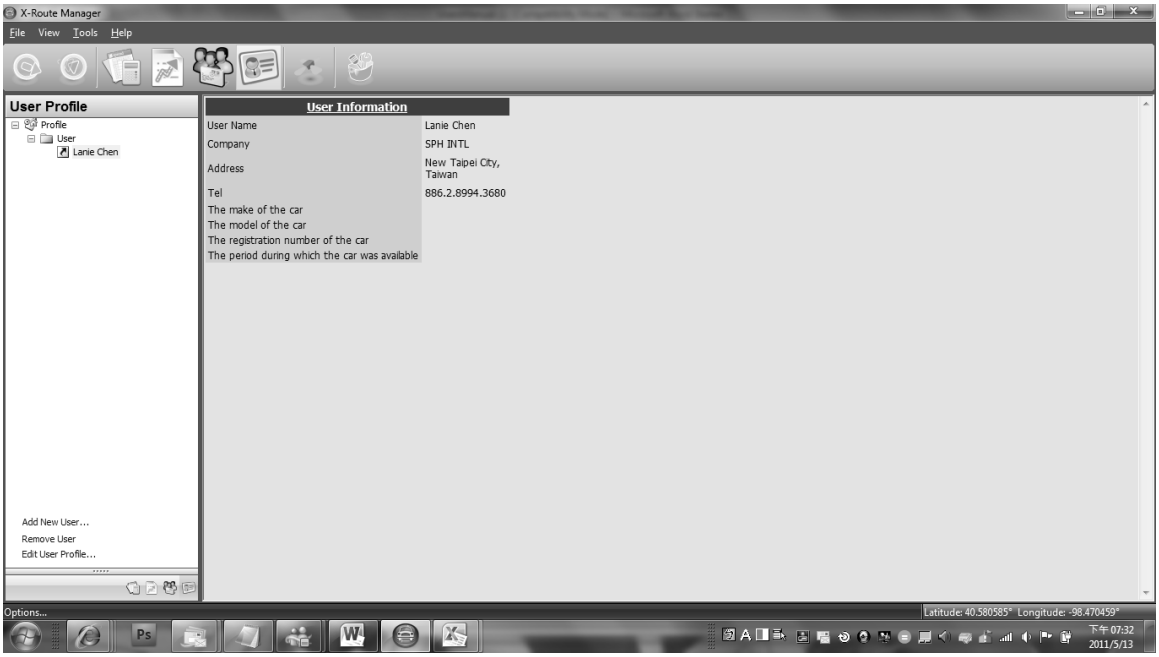


Users can create customers records. The purpose of creating customer records is for Trip analysis. If users build customer records correct. The Mileage Logger will analyze when and how long users visit the customers in the trip.



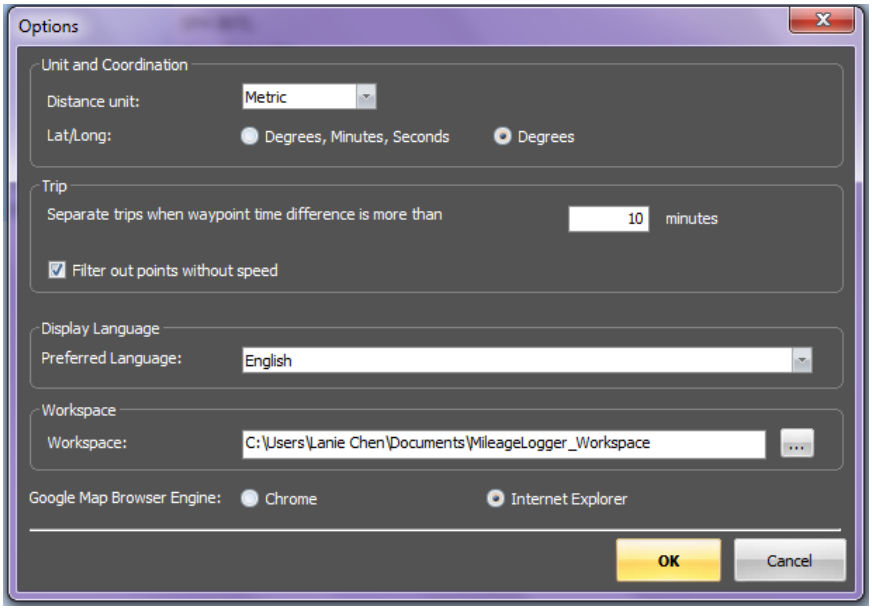
Customer information includes “Name”, “Address”, Telephone”, “Latitude”, “Longitude”, and “Description”.

Profile View



The Mileage Logger support multiple users view. Users can create users profile and manage each users trip records.

Options



Distance unit:

Metric: Kilometer / meters will be used for displaying.

Imperial: Miles / feet will be used for displaying.

Lat/Long:

Degrees, minutes, seconds: Latitude and longitude will be display like 23°12’20”

Degrees: Latitude and longitude will be display like 23.22152°